

20000927.qrp v01_n957.qrl.20000927

Date: Wed, 27 Sep 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1957

QRP-L Digest 1957

Topics covered in this issue include:

- 1) [80268] FS: EPIPHYTE II
by Earl Murphy <earlmurf@telusplanet.net>
- 2) [80269] Re: Antenna Question
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 3) [80270] Noise Generator and Mic Pre-amp Kits
by Bob Hightower <nk7m@extremezone.com>
- 4) [80271] Re: NC-20 Problem
by Junichi Nakajima <nakaji@crl.go.jp>
- 5) [80272] Re: Noise Generator and Mic Pre-amp Kits
by n2go@arrl.net
- 6) [80273] Noise Generator and Mic Pre-amp Kits
by Bob Hightower <nk7m@extremezone.com>
- 7) [80274] Prairie Dx Group, Vanuatu DX November 18th - 28th
by SKIPNC90@aol.com
- 8) [80275] Parasite Contest?
by "James R. Duffey" <jamesd1@flash.net>
- 9) [80276] Shakedown cruise results
by n4qa@juno.com
- 10) [80277] UT/KS7J...K2 in Ukraine
by "K7FD-N7SG" <cqdx@teleport.com>
- 11) [80278] 10M Rig in next QRPp
by "Paul Harden, NA5N" <na5n@rt66.com>
- 12) [80279] WTB Norcal Paddles
by "Dillabough, Graham CNOPB" <gdillabough@CNOPB.nf.ca>
- 13) [80280] Stamp collectors
by Alen Mitrovic <alen.mitrovic@hermes.si>
- 14) [80281] Need HW-8 VFO cap
by Al Scanandoah <k2zn@rochester.rr.com>
- 15) [80282] RE: Need HW-8 VFO cap
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 16) [80283] QRP NETS
by bob confrey <bob.confrey@sciatl.com>
- 17) [80284] Re: QRP NETS
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 18) [80285] Re: Antenna Question
by "Bob Tellefsen" <n6wg@earthlink.net>
- 19) [80286] Pacificon QRP Preregistration/Badges list

- by Jerry Parker <jparker@fix.net>
- 20) [80287] Re: Parasite Contest?
by "Steven Weber" <kd1jv@moose.ncia.net>
- 21) [80288] W8PIG/9 - Listen for it!!
by "Brian" <brian@iquest.net>
- 22) [80289] ICEPAC propagation modeling
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 23) [80290] K2 push buttons?
by n2go@arrl.net
- 24) [80291] Re: Parasite Contest?
by Allan G Taylor <k7gt@qsl.net>
- 25) [80292] Summer QRPp Should Arrive Soon, Fall QRPp coming
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 26) [80293] 10 Meter PSK-31
by "Karl F. Larsen" <k5di@zianet.com>
- 27) [80294] Re: K2 push buttons?
by "Trevor Jacobs" <fxtech@earthlink.net>
- 28) [80295] MORE QRP STUFF FOR SALE
by Howard Weinstein <k3hw@yahoo.com>
- 29) [80296] Web Radio
by "Brian" <brian@iquest.net>
- 30) [80297] Re: Web Radio
by "Paul R. Valko" <prvalko@oakland.edu>
- 31) [80298] Ten Tec \$50 watt meter questions
by KW1ND Mike <kw1nd@megalink.net>
- 32) [80299] Re: Parasite Contest?
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [80300] Re: Web Radio
by "W5TB - 'Doc' Drake" <w5tb@softhome.net>
- 34) [80301] Grid-squares
by "Karl F. Larsen" <k5di@zianet.com>
- 35) [80302] Re: Web Radio
by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 36) [80303] Epiphyte 3
by K2UD@aol.com
- 37) [80304] Iowa QRP Newsletter available in PDF format
by "John Burnley" <burnleyia@home.com>
- 38) [80305] Re: Web Radio
by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 39) [80306] Latitude & longitude question
by Rick McKee <kc8aon@juno.com>
- 40) [80307] National Radio Quiet Zone - What's it for??
by "Karl B. Staddon" <ve6kbs@agt.net>
- 41) [80308] Re: Grid-squares
by Brian Mileschosky <n5zgt@swcp.com>
- 42) [80309] National Radio Quiet Zone
by M Goins <mgoins@usa.net>
- 43) [80310] Re: National Radio Quiet Zone - What's it for??

by GElam30092@aol.com

- 44) [80311] Re: Latitude & longitude question
by "Mike Yetsko" <myetsko@insydesw.com>
- 45) [80312] RE: Summer QRPP Should Arrive Soon, Fall QRPP coming
by "John Burnley" <burnleyia@home.com>
- 46) [80313] Re: National Radio Quiet Zone - What's it for??
by "Karl B. Staddon" <ve6kbs@agt.net>
- 47) [80314] RE: Latitude & longitude question
by "Charles Mabbott" <crmabbott@mediaone.net>

Date: Tue, 26 Sep 2000 18:32:40 -0500
From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [80268] FS: EPIPHYTE II
Message-ID: <39D13218.45D8BE06@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

I have for sale an EPIPHYTE II.....In custom metal case (CNC punched),
built-in speaker, BNC, 12 volt Barrel Connector, full 5
Watts.....\$120.00 US (Shipped)

Anyone interested contact me direct....

72.....Earl (VA6RF)

Date: Wed, 27 Sep 2000 01:23:08 GMT
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: buydens@duke.usask.ca
Cc: qrp-l@Lehigh.EDU
Subject: [80269] Re: Antenna Question
Message-ID: <LAW2-F83c1o8yfogkJX00002ff7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Rather than trying the switches/clips/jumpers may I suggest you just
parallel two dipoles, one for 20 and the other for 40, using the same coax?
If you separate the ends of the dipoles (ropes to different tie points) it
should work quite well and of course you can instantly change from one band
to another without going outside!

73 - Mike WA8BXN

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<http://profiles.msn.com>.

Date: Tue, 26 Sep 2000 18:59:28 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: elecrafft@qth.net, qrp-1@lehigh.edu
Subject: [80270] Noise Generator and Mic Pre-amp Kits
Message-ID: <200009270151.SAA01202@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The XYL and I will be leaving for a vacation on 9/6/00, and won't return until after Pacificon, specifically on 9/23/00. If you want either or both of these kits, please have your order to me by 9/5/00. Otherwise, if you are willing to wait, go ahead and send the order, and I will get them out as soon as I get back.

If you are going to Pacificon, I will have a supply of both kits for purchase there.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Wed, 27 Sep 2000 11:12:01 +0900
From: Junichi Nakajima <nakaji@crl.go.jp>
To: qrp-1@Lehigh.EDU
Subject: [80271] Re: NC-20 Problem
Message-ID: <200009270210.LAA01522@ryuu.crl.go.jp>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>Finished putting the NC-20 together today and got no voltage at the RF point

This transceiver is critical to adjust when you compared it to others.

Even all parts are settled correctly, faulty adjustment will produce no power at all.

I recommend you to check the stages with your scope, step by step to find a reason.

Mention about my case (the first lot of RH version), After many trail, I changed the coupling capacitor of the BPF and I obtained stable power (I need a month!). Apparently the NC-20 is an advenced kit and they are proud to have when you complete one. All these trying are fun of the kit too.

GL 72!

JL1KRA Junichi,

Date: Tue, 26 Sep 2000 22:16:42 -0400 (EDT)
From: n2go@arrl.net
To: Bob Hightower <nk7m@extremezone.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80272] Re: Noise Generator and Mic Pre-amp Kits
Message-ID: <Pine.LNX.4.20.0009262216250.2501-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How was your trip? :)

73,

Jim n2go

Date: Tue, 26 Sep 2000 19:58:34 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: elecraft@qth.net, qrp-l@lehigh.edu
Subject: [80273] Noise Generator and Mic Pre-amp Kits
Message-ID: <200009270251.TAA15541@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well (grump, grump) passing through time warps in reverse is hard on the

ole brain. Should read that we'll be gone from 10/6 to 10/23.

Thanks, Jim :^)

>The XYL and I will be leaving for a vacation on 9/6/00, and won't return until after Pacificon, specifically on 9/23/00. If you want either or >both of these kits, please have your order to me by 9/5/00. Otherwise, if you are willing to wait, go ahead and send the order, and I will >get them out as soon as I get back.

>If you are going to Pacificon, I will have a supply of both kits for purchase there.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Tue, 26 Sep 2000 23:04:25 EDT
From: SKIPNC90@aol.com
To: qrp-1@lehigh.edu, elecrafft@qth.net
Subject: [80274] Prairie Dx Group, Vanuatu DX November 18th - 28th
Message-ID: <5b.bcc4c33.2702bdb9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

The DX group I belong to is going to Vanuatu in November, QRP maybe on board too on the side trips:

The Prairie DX Group <http://www.n9pd.com> is pleased to announce our 2nd DXpedition. From November 18th -28th, we will be operating from Vanuatu "YJ" Efate Island OC-035. We will be continuously operating at least two stations (and possibly more) 24/7 on 6-160 meters SSB, CW, RTTY, SSTV and PSK 31. During the DXpedition, we are planning a sub-trip to one or more of the rarer YJ IOTAs. In addition to operating from the other islands, we will be participating in the CQ World Wide CW Contest from Vanuatu.

The six members of the traveling team are: Rick (KF9ZZ), Todd (W9YK), Fred (KF9YL), Bill (W8LVN), Tim (KB9QYL) and Mike (N9WM).

As in our previous DXpedition (FP/N9PD Sept 1998), one of our main goals is to give every amateur the opportunity of working us at least once (and hopefully more often).

Callsigns for the Dxpedition (TBA). Our QSL route is via N9PD direct (The Prairie DX Group, 1206 Somerset Ave., Deerfield, IL 60035 USA) or via buro. Please include SASE with postage, IRC or greenstamp. Direct QSL cards received without return postage will be returned via buro. Further info can be found on our web page <http://www.n9pd.com> or email kf9zz@arrl.net

73s and BCNU from Vanuatu!
The Prairie DX Group

73, Skip Davis, NC90
FT K2 #0065

Date: Tue, 26 Sep 2000 21:09:20 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [80275] Parasite Contest?
Message-ID: <B5F6C0FF.2B27%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Would anybody be interested in a "parasite contest" to run the duration of 2001? I know a lot of people that operate from the field set up early or stay late and are some what "down" that they are in a good site and the contest is over. This activity would be a contest, but different than the main contest.

The idea of the "parasite contest" is to piggyback on the field contests to have a contest run for say an hour before and an hour after the regular conest. The conest would be cumulativve during the entire year and would involve the "big" field contests; FYBO, QRPTTF, Bumble Bee, Bubba, and QRP Afield. I would suggest a scoring and multiplier scheme completely different from all the contests, say an exchange of grid squares? To encourage opeeration from different portable locatins, the same multipliers would count when worked from different grid squares.

Is there any interest in this type of contest? Let me know and I could organize it.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Tue, 26 Sep 2000 23:09:05 -0400
From: n4qa@juno.com
To: qrp-1@Lehigh.EDU
Subject: [80276] Shakedown cruise results
Message-ID: <20000926.230908.-243577.0.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Group,

Had a ball with the DSW-40 (one watt to Hustler) while driving home from work today(Very few sigs heard at 6 o'clock this morning, though !). Tried to work a W3 while still in downtown Salem but the utility noise was horrendous!

Once on the open road, I CQ'd my brains out until I got a call from Joe, W2KJ, in the Wilmington, NC area. Joe was running his K2 and he had the best signal on the band this afternoon. We had a really nice QRP QSO until I had to sign when I neared home.

Say, I just discovered (and ordered) the Whiterook MK-44 paddles and the MK-36 legstrap accessory... RED Paddle box, WHITE pickup truck, BLUE radio... how patriotic is that ? :)

I'm hoping that the signal-to-noise ratio will be MUCH better once I'm using the DSW-20 which I haven't even been able to order yet... ahem! No pressure, Dave, ok ? :)

Well, it's off to bed... have to get up early so I can take the back roads to work in order to keep the speed down ... afraid of ripping the Hustler off the rear bumper doing I-81 speeds... oh, you say that's the interstate number... not the speed limit ! :)

73-1,
Bill, N4QA

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Date: Tue, 26 Sep 2000 20:56:42 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>

To: "WA7TQK" <blinn@dm.net>, "W03B" <W03B@innercite.com>, "WA7SPY"
<maclean@ix.netcom.com>, "W0CH" <w0ch@arrl.net>, "VE7SL" <jsm@intergate.ca>,
"S53MA" <alen.mitrovic@hermes.si>, "PE10BG" <starren@wish.net>, "N0TU"
<N0TU@webaccess.net>, "KS7J" <casey@foreign-interests.com>,
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>
Subject: [80277] UT/KS7J...K2 in Ukraine
Message-ID: <002b01c02836\$f86b4ae0\$e7231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fists and QRPacific QRP Club member Casey KS7J/K7FFF will soon be operating from Ukraine, UT-land. Check our club website below for details and photo's of his upcoming qrp dxpedition and a chance to put him in your logs...

73 John K7FD
QRPacific QRP Club <http://www.teleport.com/~cqdx/qrpclub.htm>

Date: Tue, 26 Sep 2000 22:36:27 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [80278] 10M Rig in next QRPP
Message-ID: <Pine.SUN.4.10.10009262210570.1659-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
For those of you wishing to build a truly homebrew 10M rig to ride out the rest of this solar cycle (2+ years to go) ... there will be a complete step-by-step construction article in the upcoming autumn QRPP you won't want to miss.

It was designed by Mike Fitzgibbon, N0MF, of the Iowa QRP Club, and called the "IA QRP 10." A great little rig. Based on the SST, it includes many enhancements to make it sensitive for 10M, including an RF amplifier, built in TiCK Keyer (from Embedded Research), HI/LO range for wider VXO coverage, etc. It contains two NE612's, 4 J310 FET's, 2 2N2222's and an MRF237 PA ... and a few toroids! Mike built it Manhattan style, using the round punched pads of copper clad glued to the main copper clad ground board. There are three boards, each 2x4 inches (the receiver, the VXO/keyer, and transmitter boards) allowing it to fit in a fairly small enclosure. Neat.

I just finished the illustrations for it, similar to the 2N2/40 construction project. Accompanied with Mike's article, we hope it will be easy to follow and build. It's really a pretty straight-forward circuit, nothing exotic, nicely laid out, and not really that "crammed."

There has been occassional discussion on qrp-l about why no 10M kit or construction project. Well, here it is, and the reason I felt compelled to announce it. I know it works well, because I took advantage of the nice 10M openings last weekend to make several contacts with it, from FL to HI and a VE7. Earlier at ArkieCon, Jim Duffey KK6MC QSO'd a VE2 on it at Jay Bromley's house. In fact, I think that's the last Mike has seen it. It was delivered to me by Doug, and who knows where he got it! (I'll get it back to you, Mike -hi).

Also in the autumn QRPp are some more detailed drawings on constructing the St. Louis vertical coil. Dave Gauding has received lots of feedback on how to build the coil, so hopefully these new drawings will make it more clear.

72, Paul NA5N

Date: Wed, 27 Sep 2000 07:55:23 -0230
From: "Dillabough, Graham CNOPB" <gdillabough@CNOPB.nf.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [80279] WTB Norcal Paddles
Message-ID: <2055849B2E3BD411BE1900104B2BC3E603A61A@FORREST>
MIME-Version: 1.0
Content-Type: text/plain

Hi everyone,

The title says it all.... does anyone have a Norcal paddle kit (unbuilt, partially built or completely done) that they wouldn't mind parting with?

Please reply off list.

Thanks!
Graham
Graham Dillabough
Sr. Reservoir Geologist
Canada-Newfoundland Offshore Petroleum Board
5th Floor, TD Place
140 Water Street,

St. John's, NF
Canada
A1C 6H6
(709) 778-1411
gdillabough@cnopb.nf.ca

Date: Wed, 27 Sep 2000 13:28:53 +0200
From: Alen Mitrovic <alen.mitrovic@hermes.si>
To: qrp-1@Lehigh.EDU
Subject: [80280] Stamp collectors
Message-ID: <EA63CEA50DF8D311ABAD00B0D021173201617A35@hal9000.hermes.si>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi!

I do own one (1) used special Slovenian
post stamp dedicated to WRTC (World Radiosport Team Championship)
that took place in Slovenia in July 2000. I use to collect stamps and
I know that this rarity (very limited edition - all stamps were bought in
1 week:-)
would be appreciated by serious collector.
If you would like to have it badly, please send respond and send SASE.
First one will get it.

best 72 de

Alen / S53MA

Alen Mitrovic
Storage & Data management Lab
OmniBack Quality Assurance Team
HERMES SoftLab Phone : ++386 1 5865 323
Litijaska 51 Fax : ++386 1 5865 270
1000 Ljubljana E - mail :alen.mitrovic@hermes.si
SLOVENIA :S53MA@hermes.si
Europe
> WebPage :http://www.hermes-softlab.com
Personal Webpage: http://www.qsl.net/s53ma

-----Original Message-----

From: Hubert Smits [mailto:hubert.smits@wxs.nl]

Sent: Thursday, September 21, 2000 8:02 AM

To: GQRP@egroups.com

Subject: [GQRP] Move to Scotland

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Hello Gang,

As of October 1st I'll be moving from Holland to Scotland. Can anybody point me to a source of information that explains how to convert my Dutch license to a UK license, and how to take the morse exam for the A license?

73 de Hubert - PE9HSM

=== Via the mailing list of the GQRP Club <http://www.gqrp.com> ===

Date: Wed, 27 Sep 2000 07:32:45 -0400

From: Al Scanandoah <k2zn@rochester.rr.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [80281] Need HW-8 VFO cap

Message-ID: <39D1DADD.E44832F4@rochester.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello

I am in need of the main tuning capacitor for the HW-8's VFO. Please advise price or will consider a trade - I have a number of variable caps suitable for transmitter or tuner use.

72 - Al, K2ZN

Date: Wed, 27 Sep 2000 09:49:40 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'k2zn@rochester.rr.com'" <k2zn@rochester.rr.com>, Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>
Subject: [80282] RE: Need HW-8 VFO cap
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C65C@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Unfortunately, I don't have a spare cap, but if you need it because it did what they usually do -- fall apart when you hit the end stop -- you may be able to repair the one you have. It happened to my HW-8 and I mixed up some 5-minute epoxy, carefully put some on the rotor shaft where the little slots the rotor plates used to be stuck into, quickly put the plates back in place and let it set up. Five minutes later, it was working just fine, and has been fine ever since. It might be a good idea to add a drop of lubricant to the bearings/clutch that is in the front part of the cap. I also recommend that you do a few dry runs at putting the plates back in place; once that epoxy is on the shaft, you get one shot at it. From there, with the additional lubricant in the bearing, it shouldn't tear the plates off again, but if it does, the 5-minute version of the epoxy can be removed from the shaft with considerable difficulty, but it can be removed.

HW-8 owners should be very careful about not hitting the end stops on the tuning shaft, or should consider adding that extra drop of lubricant to the bearing to let it run more freely. I used a *tiny* shot of WD-40.

73,

Ed Hare, W1RFI

> -----Original Message-----

> From: Al Scanandoah [mailto:k2zn@rochester.rr.com]

> Sent: Wednesday, September 27, 2000 7:33 AM

> To: Low Power Amateur Radio Discussion

> Subject: Need HW-8 VFO cap

>

>

> Hello

>

> I am in need of the main tuning capacitor for the HW-8's VFO. Please

> advise price or will consider a trade - I have a number of

> variable caps

> suitable for transmitter or tuner use.

>

> 72 - Al, K2ZN

>

Date: Wed, 27 Sep 2000 10:49:33 -0400
From: bob confrey <bob.confrey@sciatl.com>
To: QRPL <qrp-l@lehigh.edu>
Subject: [80283] QRP NETS
Message-ID: <39D208FD.218A47F6@sciatl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there a list somewhere of all known QRP nets that meet regularly?
Date, time and frequency? I've seen various postings from groups
that have weekly nets, but never a list of who, when and where.

Bob..WA1EDJ/4..Monroe, GA..

Date: Wed, 27 Sep 2000 15:38:55 +0100
From: "David Hurley,n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [80284] Re: QRP NETS
Message-ID: <39D2067F.6ADE899D@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are a couple of sites with qrp net info.

<http://www.qrparci.org/arcinets.html>
<http://www.qsl.net/kq0rp/nets.html>

David Hurley,n2zhy
Princeton,NJ

bob confrey wrote:

>

> Is there a list somewhere of all known QRP nets that meet regularly?
> Date, time and frequency? I've seen various postings from groups
> that have weekly nets, but never a list of who, when and where.

>

Bob..WA1EDJ/4..Monroe, GA..

Date: Wed, 27 Sep 2000 09:13:57 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-1@Lehigh.EDU>
Subject: [80285] Re: Antenna Question
Message-ID: <006101c0289e\$214cd0c0\$7af0fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brian

In your situation, I would prefer the 40m inverted vee with a 20m inverted vee sharing the same feed point and feed line.
I would use 300 or 450 ohm line to feed the antenna, and a good tuner in the shack.
This would work all bands 80m through 10m. I admit, on 80m, it would not be as good as a full half wave, but again, "any antenna is better than no antenna". :-)
73, Bob N6WG

Date: Wed, 27 Sep 2000 09:33:22 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [80286] Pacificon QRP Preregistration/Badges list
Message-ID: <2.2.32.20000927163322.006e4bdc@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It doesnt get any better than this!

Doug has a Great lineup of speakers and events for
us this year.

Pre Registrations continue and we are busy
making up badges for all the QRP folks.

As Doug mentioned please email me if you would like us
to make you a badge. They are absolutely FREE!

Here is the list of folks already preregistered with us:

K1MG Mike Gipe

AK1P Paul Maciel

N2APB George Heron

N2PTW Joyce

W3CD Bob Okas

G3MFJ Graham

W4NJK Charlie Mason

K4NK Les

G4WIF Tony Fishpool

KA5DVS James Bennett

N5EM Ed Manuel

W5GFP George Pierce

W5JAY Jay Bromley

AB5PC Dave Epps

AD6A Dave Fifield

W6AGS Arthur G. Silvers

AC6AN ORI

KD6ANH Lerma Swartz

AD6CW JIM

KG6CYN Trev

KE6D Danh Le

KF6DFZ Amanda Parker

KI6DS Doug Hendricks

NA6E Mary

K6EXT Ron

W6EMD Dave Meacham

KE6JJJ Jeremy Cooper

AC6KW Jeff

NB6M Wayne

W6MMA Verne

AD6MX Jeff

N6NU Andreas

WA6GER Jim Cates

AD6GI Chuck Boblenz

WA6HHQ Eric Swartz

AD6JY Dan Birnbaum

N6KR Wayne Burdick

AC6KW Jeff Grudin

WA6MER Mike Schettler

KI6ML Sam Imai

KE6MRH Robin

K6MW Mike

N6NU Andreas

AC6UV Gody

AA6R Gary Evans

KI6RIE Doug Hauff

KF6RMK Bill Stewart

K6RPN Doug Wilson

KE6RS Ron Smith

K6TM Rich Vizcarra

N6WG Bob Tellefsen

KG6WU Ed Vines

W6YBS Judy

KE6YNW Laurie Adams

W7AVK Bob Rolfness

W7AQK Dave Yarnes

K7FD John

KI7FQ Mike

KK7GG Mike

K7GT Allan Taylor

NQ7K Mike

NK7M Bob Hightower

K7NUU Stan LaPointe

K7QO Chuck Adams

K7RXV Roger Steyaert

KD7S Bill Jones

N7SG Annette

WA7SPY Glenn Maclean

K7TQ Randy Foltz

N7VE Dan Tayloe

N7XJW Bertie

WI8W Thom Durfee

N9UXU David Adams

Sandra YL N6NU

Preregister with me NOW so I can get your badge made!

Email me at: jparker@fix.net

C U THERE! 7

2,,,Jerry...WA6OWR..k

Date: Wed, 27 Sep 2000 12:29:29 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: jamesd1@flash.net
Cc: qrp-1@lehigh.edu
Subject: [80287] Re: Parasite Contest?
Message-ID: <200009271705.NAA01813@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

James, et all,

> Would anybody be interested in a "parasite contest" to run the duration of
> 2001? I know a lot of people that operate from the field set up early or

I would like the parasitic contest to extend into the night and next morning, like QRP-A-FIELD, for those of use who like to hike to a remote area and camp out over night. Or those that like to drive out

of the city and car camp or RV. A 4 hour Saturday afternoon sprint doesn't seem long enough for that kind of effort.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 27 Sep 2000 13:21:51 -0400
From: "Brian" <brian@iquest.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Cc: "Rick Reneau" <rreneau@iquest.net>
Subject: [80288] W8PIG/9 - Listen for it!!
Message-ID: <004d01c028a7\$6d111760\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This weekend is the Hoosier Hills Hamfest in Bedford Indiana.

<http://www.hoosierhillshamfest.org>

Fellow Piggie Rick Reneau (KB9NDF) and I will be camping there on Saturday Night. We will be on 40m somewhere near or on 7044 between 00:30z and 03:30z or so. Rick and I are doing a forum on QRP at 9am the next morning. Looks like it is going to be a blast.

(Time is 00:30z to 03:30z on UTC Sunday...which is Saturday night for most Americans)

Many thanks to Jim Larsen and QRP-ARCI for donating a few giveaways for the forum, and thanks to the Flying Pigs QRP Club for lending us their call sign. this is the first year they've had forums and they expect 1000 hams to attend the fest....I'm hoping for 20 or 25 to show up for our presentation. Thanks also to the NJQRP club for allowing us to use their QRP Powerpoint presentation.

73

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE

SOC #400 AND FLYING PIGS QRP #-57

=====

Date: Wed, 27 Sep 2000 13:22:27 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.edu>
Subject: [80289] ICEPAC propagation modeling
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C663@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

A few have asked me for info on the ICEPAC propagation modeling software. I initially offered to run through this over the phone, but perhaps it will be more efficient to give a crash course in its use.

First, this is a really good program, Windows based. Even more important, it is FREE! QRPers can use it to KNOW when a band should be open.

The URL to download it is:

<http://elbert.its.bldrdoc.gov/hf.html>

A couple of examples of how the program appears on the screen are
temporarily seen at:

<http://www.arrl.org/~ehare/temp/icepak.jpg> and
<http://www.arrl.org/~ehare/temp/snr.jpg>

To use it, install it in the normal Windows fashion. ICEPAC will be one of the ICONS installed on the ITS HF PROPAGATION icon on your desktop. Either run it there, or drag it onto the desktop.

Assuming the screen is up and running, let me step you through a crash course in the options. Once set, these stay in place until changed. Use the ACCEPT button to enter your changes.

METHOD - use option 20, which will calculate a complete system performance. You can enter other options, but they may not let you do all of the graphing things that you might want to play with later. On my P-133, it runs quite fast enough doing a complete calculation.

YEAR - enter anything you want; this is used ONLY for printing purposes.

TIME - Start 01, End 24, Increment 01, UT is what I recommend. These are hours, and UT will, of course, be UTC.

GROUPS will let you set the SSN (sunspot number) and the month and day. Under Months, July 16 would be 07.16. The Q index is actually derived from the A index; I don't recall just how, but it is in the extensive documentation. I usually set it to 0.0 and let it go at that.

TRANSMITTER -- This is where you will set the transmitter location. I usually use the Nation or State drag down selections and pick the city. The program calculates the lat-long from there.

RECEIVER - Ditto, except you are entering the receiver info.

PATH - Toggles long or short.

FREQUENCIES: This sets both the exact calculation frequency and the lines on the graph. The software will extrapolate from there. You can use the defaults, or do what I did and enter the HF ham bands.

SYSTEM:

Man-made noise: I use -145 dBW for most of my calculations. This is the expected noise level for most residential areas. If you use very narrow receiver bandwidth or have a quiet location, maybe -150 or -155 would be more appropriate.

Minimum angle: I use 5 degrees; the program will ignore any propagation modes that would result in < 5 degrees incoming wave angle. I figure that most antennas have almost no energy <5 degrees, so for QRP, I should probably ignore it. If you have an antenna up >100 feet, you may want to use 2 or 3 degrees instead.

The rest: The rest of the parameters can be ignored; they would be used if you ask ICEPAC to calculate reliability, etc.

FProb: Just accept the defaults. If you want to know more, read the fine manual.

TX Antenna: In this one, you can either specify a particular antenna type, with ICEPAC estimating the pattern, or you can use ISOTROPIC like I prefer to do and then add the transmit and receive antenna gains later when I set the transmitter power. If you do pick an antenna other than ISOTROPIC, you must enter the gain. Even with ISOTROPIC, I get into the habit of clicking the "at Rx" box to point the antenna at the receiver. To change the transmit antenna, click the "Tx Ant" box, click SAMPLES and then click on your antenna type. (Don't forget "ACCEPT"). You also use this line to set your transmit power (in kilowatts -- seems to be okay from 0.001 to 1.000 kW). If you entered real antennas, use real power; if you entered isotropic, either add the tx and rx antenna gains to what you see on the graph (later) or add it to the transmitter power. Ie, if the antennas have 10 dBi gain on

tx and receive, add 20 dB to the power here.

Rx Antenna: Works the same way. Don't forget to click the "at Tx" box to point it at the transmitter.

Now, you can save the file, using the File Save As drag down menu. You will have to click on the default directory.

Once saved, go ahead and Run the Graph (Run on the top line). You can then select a graph from the drag down menu. Once run, you can use the View drag down on the top line to see a new graph. The graphs can't be saved, but hitting the print screen button twice on most systems will do a screen capture, and you can then cut and paste into any photo program or even Word document. The graph will be nicely colored in, or you can read values using the cursor.

That is your crash course. Any questions, feel free to ask. I think I covered the highlights. For the rest of it, read the fine manual. :-)

73,

Ed Hare, W1RFI

ARRL Laboratory Supervisor

225 Main St

Newington, CT 06111

Tel: 860-594-0318

FAX: 860-594-0259

Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org>

ARRL Technical Information Service: <http://www.arrl.org/tis/>

Date: Wed, 27 Sep 2000 13:34:10 -0400 (EDT)

From: n2go@arrl.net

To: qrp-1@Lehigh.EDU

Subject: [80290] K2 push buttons?

Message-ID: <Pine.LNX.4.20.0009271326180.3388-100000@valhalla.v>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know what brand push button switches are used in the K2 ?

If they are momentary, click types; I think I could use them on a transceiver that I am building.

The original design of the intelligent transceiver uses four push buttons to choose mode etc and they have to be pushed in pairs.

I think I will use a CD4067 and do the switching with a single push button for each feature like the big rigs do :)

The next problem will be figuring out how to make rectangular holes in the front panel. Then comes the PCB with the switches mounted to match the holes in the front panel. I think two horizontal rows of switches on either side of the main tuning knob would be nice.....

Any pearls on panel cutting and matching up the pcb switches?

There must be some expensive machine shop tool that I need :)
73,

Jim n2go

Date: Wed, 27 Sep 2000 10:40:32 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [80291] Re: Parasite Contest?
Message-ID: <39D23110.685F@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Your suggestion for a parasite contest sounds interesting. But I suspect that most QRP field operators have many other commitments that would preclude participating in all 5 contests mentioned in addition to a 'before and after' event. I personally always catch QRPTTF, operating locally from the nearby hills. But other responsibilities (plus the typical February rain!) keep me from a serious FYBO outing. It might be a fun contest, though, for those who are really free to devote 5 weekends every year to 'beeping in the woods'!

I do like your suggestion of using grid squares as part of the exchange. In fact, I would like to see it added to exchanges for all QRP/portable contests. Sending 559 CA ALLAN doesn't really tell someone that I am operating from a granite slab in the Yosemite backcountry while DM07 might make them at least wonder just where I am. Flak jacket on. I was roasted for making a similar suggestion a year or so back.

73 Allan K7GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Wed, 27 Sep 2000 10:53:51 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [80292] Summer QRPP Should Arrive Soon, Fall QRPP coming
Message-ID: <01c028ab\$e52b1b20\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I have started to get reports that Summer QRPP is arriving. (It was mailed Monday). It is very, very important that you check the expiration date on your mailing label. If it says that your sub expired with the Summer or Spring 00 issue, then the Summer issue will be your last unless you renew. To renew, send Jim Cates a check or money order for \$15 for 1 year, \$30 for two years made out to Jim Cates, NOT NorCal. Please, please enclose a note stating that this is a renewal!! You need to do this right away, as the order for the number of fall issues printed has to be given to the printer soon.

The Fall issue is going to be an outstanding one. We will have a 10 meter transceiver construction article on the Iowa QRP 10 that will knock your socks off. Mike Fitzgibbon, N0MF, of the Iowa QRP Club is a master builder using the Manhattan construction technique. He sent me an example of a 15 meter rig that he built based on the SST. (SST's are not offered on bands higher than 20 meters, Mike wanted one on 15 and 10 meters, so he built his own). He also told me that he had a 10 meter version too. The 10 meter version involved some significant mods, additions and changes to the SST design, so Mike calls it the Iowa QRP 10. You will recognize the SST as the inspiration for the circuit, but Mike did a tremendous amount of work to put it on 10 meters. He sent me the rig, and I tried it out. Wow, does it ever work great. It heard everything my K2 did! Super little rig, and was it ever a work of art. It looked like Jim Kortge had built it (that is a huge compliment Mike).

As soon as I saw the rig, I knew two things had to be done. First, it had to be written up as a construction article for QRPP, and I had to get Paul Harden, NA5N to do the drawings in the same style that he used for Jim Kortge's 2N2/40 rig. Paul readily agreed to do it, and I gave him the rig (with Mike's permission of course) to use to draw. Paul has spent many, many hours detailing the construction, and his drawings are truly a work of art. Mike's article, coupled with Paul's drawings, make this issue a true classic. This will rate up there with Elmer 101 and Jim's 2N22/40 articles

as being all time greats. I am confident that with Mike's article and Paul's artwork, anyone can reproduce this rig!! Plus it won't cost you an arm and a leg. I think you can order the parts from Mouser and Digikey, and do it for less than \$50 easily.

Plus, George Heron, N2APB, is doing a fantastic piece on the rig that will be the subject of his talk at Pacificon. This rig is a dual bander, made from a PSK20 board from Dave Benson, and a PSK80 Warbler board that will soon be available from the NJ QRP Club. George interfaces the two transceivers and uses an LCD panel for a readout and a set of paddles for an input device!!! NO computer needed. Wow, you can operate PSK31 from the field with this great project.

And my friends, don't despair if you bought the MFJ Cub and want to improve it. Larry East, W1HUE has done a whole series of mods that vastly improve this kit from MFJ. The whole set will be printed in this issue too!! Larry is a great troubleshooter and problem solver well known in QRP circles. His article is the definitive piece for MFJ Cub mods. If you have a Cub, You NEED this article.

Rich Fisher's Operating news, several other articles, all coming in the Fall issue of QRPP, which is on schedule to ship right after Pacificon. But you must be a current subscriber to get the fall issue. If your sub has expired, you need to renew. If you don't subscribe, you can by sending \$15 per year (maximum 2 years) for US & Canadian subscribers, and \$20 DX subscribers (US Funds only) to Jim Cates along with a note saying that you want to be a new subscriber to QRPP. Please include your mailing address!!

Here is Jim's address:

Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Again, make check or money order payable to Jim Cates, NOT NorCal. If you have questions about your subscription, please contact Paul Maciel, AK1P, at

pmaciel@inow.com

He is handling the database now for us.

Ok, enough for now. You guys get the feeling that I am back on my feet now? Grin. 72, Doug

Date: Wed, 27 Sep 2000 12:03:50 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [80293] 10 Meter PSK-31
Message-ID: <Pine.LNX.4.10.10009271156160.1171-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This morning Europe was coming in real strong. I worked Dusan, OM6DS and had a nice chat and then worked Jose, EA4PA in Madrid. We chatted for 20 minutes and Jose sent me his address. I put it on a QSL card and mailed it. Spain is 55 cents.

QRP with an old TH6DXX beam is cheating of course. But PSK-31 is a good weak signal mode. The guys in Europe are running 30 watts for the most part and are real easy to copy solid.

If your retired save a morning each week to try for DX on 10 meters. CW and PSK will get you there even from the West coast QRP. I'm thinking about QRP PSK DXCC. Very possible. Just take a lot of time and a few bucks mail.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 27 Sep 2000 11:11:31 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80294] Re: K2 push buttons?
Message-ID: <005901c028ae\$5dff3200\$4d15f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim,

Were you set on square pushbuttons (I'm assuming momentary contact single pole?). If you have a DIGI-KEY catalog, E-Switch makes a nice round PCB mount switch that is PCB mount that I have used for similar "Menu Option" settings on microcontroller based products. It's a lot easier to prototype than a square switch. The DIGI-KEY part # is:EG1411-ND and they're on page 453 of the July-September 2000 catalog or you can check on-line at <http://www.digikey.com> . One thing that I have done in the past to make

nice

front panel prototypes is to print out the silk screen layer at 1:1 from my PCB design and use that as a template for drilling out the front panel. If you drill the holes slightly undersized for the switch then use a Dremel Tool to grind away the excess metal, it can come out very nicely. For square

holes I usually drill a round hole in the center and then use a small file to finish it off square. Hope this helps. BTW E-Switch does make a square version also.

73

Trev

KG6CYN

----- Original Message -----

> From: <n2go@arrl.net>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Sent: Wednesday, September 27, 2000 10:34 AM

> Subject: K2 push buttons?

>

>

> > Does anyone know what brand push button switches are used in the K2 ?

> >

> > If they are momentary,click types; I think I could use them on a

> > transceiver that I am building.

> > The original design of the intelligent transceiver uses four push buttons

> > to choose mode etc and they have to be pushed in pairs.

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> > I think I will use a CD4067 and do the switching with a single push button

> > for each feature like the big rigs do :)

> >

> > The next problem will be figuring out how to make rectangular holes in the

> > front panel. Then comes the PCB with the switches mounted to match the

> > holes in the front panel. I think two horizontal rows of switches on

> > either side of the main tuning knob would be nice.....

> >

> > Any pearls on panel cutting and matching up the pcb switches?

> >

> > There must be some expensive machine shop tool that I need :)

> > 73,

> >

> > Jim n2go

> >

> >

>

Date: Wed, 27 Sep 2000 12:38:54 -0700 (PDT)
From: Howard Weinstein <k3hw@yahoo.com>
To: njqrp@njqrp.org, qrp-1@lehigh.edu
Subject: [80295] MORE QRP STUFF FOR SALE
Message-ID: <20000927193854.6031.qmail@web4305.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Fellow QRPers,

Still cleaning the shack - the following items are
for
> > sale. All prices INCLUDE shipping in CONUS via
> > USPS. Please respond directly via email and I will
> > hold
> > the item for you. Personal check or money order
> > acceptable.
> >
> > If possible include a label with your shipping
> > address.
> >
> > Thank you,
> >
> > Howard Weinstein K3HW
> > Chelsea Apts 4-405
> > 4041 Ridge Avenue
> > Philadelphia PA 19129
> >
> > (215) 843-1180
> >

> >
> > 1. The famous JOHNSON MATCHBOX Antenna Coupler -
The individual who wanted to buy this backed out of
the deal...
> >
> > (250 watt model) built in antenna relay, 80-10
> > meters, built like a tank - Cosmetic 8 (front
panel worn/faded but very
> > readable) Electrical 10) with original
> > instructions.
> > \$95.00 shipped.

2. Small Wonder Labs SW+ 40 Meter kit - still in original packing - with enclosure kit - BRAND NEW - \$80.00 shipped.

3. RF Requency Counter - Radio Shack # 22-306 1 MHz thru 1.3 GHz - original box and instructions included - \$65.00 shipped.

4. WAVETEK 27XT Digital Multimeter - AC/DC/Volts/Ohms/Amps - also measures inductance / capacitance / diodes / transistors / continuity / TTL and CMOS logic / frequency thru 20 MHz - a real gem for the work bench - with shock cas, strap, and manual \$105.00 shipped

5. RCA WV-77A Junior Volt Ohmyst VOM AC/DC/Ohms - a real classic - it's old but works well... - \$30 shipped

All equipment in excellent cosmetic and electrical condition...

Tnx es 72

Howard Weinstein K3HW
4041 Ridge Avenue Apt 4-405
Philadelphia PA 19129

(215) 843-1180
> >

Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Wed, 27 Sep 2000 15:45:20 -0400
From: "Brian" <brian@iquest.net>
To: "pigs" <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@lehigh.edu>
Subject: [80296] Web Radio
Message-ID: <000901c028bb\$77ef49e0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Anyone know of a URL that has live HF listening available?

Preferably the ham bands, CW even..

Thanks

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Wed, 27 Sep 2000 15:54:02 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Brian <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80297] Re: Web Radio
Message-ID: <Pine.OSF.4.21.0009271551400.8395-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Sep 2000, Brian wrote:

> Anyone know of a URL that has live HF listening available?

No... but you can listen to the repeater for the USECA ham radio club
- which runs the worlds largest QRP field day with over 250 participants!

<http://www.masterone.com/useca.ram>

You might even catch me on there!

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 27 Sep 2000 16:14:53 -0400
From: KW1ND Mike <kw1nd@megalink.net>
To: qrp <qrp-1@Lehigh.EDU>
Subject: [80298] Ten Tec \$50 watt meter questions
Message-ID: <4.3.2.7.2.20000927160853.00aa74f0@mail.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm considering purchasing the Ten Tec watt meter that runs for \$50 (sorry I don't have the model number handy, but it's the current one on their web site). I have a couple of questions regarding it.

- 1) How easy is it to accurately calibrate, and what tools/equipment are necessary? I see that the WM-2 only requires a DVM to set some voltages for calibration.
- 2) Where can I find the mod to lower its power reading rating? I recall seeing a mod to swap it from 20 & 200 watt ranges down to 2 & 20 watt ranges.
- 3) The WM-2 also has a mod to allow peak reading for SSB; is the TT unit capable of this? As an aside, is this really all that important? I've operated almost 99% cw in my 19 years of hamming, and have never owned a watt meter, so I'm not too sure on this.

73,

Mike Boice, KW1ND
Lisbon Falls, Maine FN44xa

Date: Wed, 27 Sep 2000 14:20:07 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Allan G Taylor <k7gt@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80299] Re: Parasite Contest?
Message-ID: <Pine.LNX.4.10.10009271416420.1632-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Alan you might get less roasting if you explained where you get

your grid square for a slab of rock in where-ever. I don't think I have a calculator for grid squares...my old packet bbs has one but packet folded a few years ago.

On Wed, 27 Sep 2000, Allan G Taylor wrote:

> Your suggestion for a parasite contest sounds interesting. But I suspect
> that most QRP field operators have many other commitments that would
>
> I do like your suggestion of using grid squares as part of the exchange.
> In fact, I would like to see it added to exchanges for all QRP/portable
> contests. Sending 559 CA ALLAN doesn't really tell someone that I am
> operating from a granite slab in the Yosemite backcountry while DM07
> might make them at least wonder just where I am. Flak jacket on. I
> was roasted for making a similar suggestion a year or so back.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 27 Sep 2000 15:24:29 -0500
From: "W5TB - 'Doc' Drake" <w5tb@softhome.net>
To: <brian@iquest.net>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [80300] Re: Web Radio
Message-ID: <B5F7C1AC.4DD6%w5tb@softhome.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

on 9/27/00 2:45 PM, Brian at brian@iquest.net wrote:

> Anyone know of a URL that has live HF listening available?
>
> Preferably the ham bands, CW even..

N2JEU's Web Controlled Shortwave Receivers are great -- I've used them to monitor the fox hunt on nights I've been 'trapped' at work ;-)

<http://www.ralabs.com/webradio/>

Arlington, TX w5tb@arrl.net http://www.qsl.net/w5tb/
QRP/ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
FPQRP # 128 SOC # 396 ARRL Life Member licensed & active since 1959

Date: Wed, 27 Sep 2000 15:22:58 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [80301] Grid-squares
Message-ID: <Pine.LNX.4.10.10009271511020.800-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I really didn't know where you can get grid squares, and I wanted a program I could run on my computer. I found EXACTLY what I wanted! I went to the web site:

www.amsat.org

And on the first page they have a line saying Download files. They ask you next which operating system and select windows. Then download wingrd32.zip which is about 250,000 bytes. Put this file in the directory you want it to be in and pkunzip it. Then with Windows Explorer go to this directory and point to the .exe file and slid it off to a place on the screen. It will say it's a shortcut and I re-named it to Grid-Square.

The program is written by W4SM and it's quality software. Use it very intuitivly. It comes up with some latitude and longatude that are likely W4SM's QTH. I put in my QTH from my GPS in NM and we are 1630.5 miles apart at a heading of 264.5 degrees.

I expect to have fun with this software and it will sure be handy if we use grid squares in some QRP contests.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 27 Sep 2000 15:07:28 -0700
From: "Mont Pierce" <MyGrapeVine@yahoo.com>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80302] Re: Web Radio

Message-ID: <005301c028cf\$53782d20\$27010101@RTA>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://speed.nimh.nih.gov/listener/listener.html>

At the very bottom of the screen you can select your own frequency from 25mhz up to 1ghz
and mode USB. So I imagine you could listen to CW on 10m.

73,
km6wt

----- Original Message -----

From: Brian <brian@iquest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, September 27, 2000 12:45 PM
Subject: Web Radio

> Anyone know of a URL that has live HF listening available?
>
> Preferably the ham bands, CW even..
>
> Thanks
>
>
> =====
> KB9BVN/QRP - New Whiteland IN - EM69WN
> QRP-ARCI #10223 QRP-L #1540 FIST #5695
> FISTS CC #764 - Proud Member ARRL
> TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
> INTO INFAMOUS AF4PS ATTIC DIPOLE
> SOC #400 AND FLYING PIGS QRP #-57
> =====
>

Date: Wed, 27 Sep 2000 18:05:47 EDT
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [80303] Epiphyte 3
Message-ID: <35.abaa8e6.2703c93b@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

OK, who ordered an Epiphyte 3 kit that wishes they wouldn't have, or doesn't have the discretionary funds for the same at this time? Please let me know, as I would like to obtain one.

My son had the computer yesterday, kept me off-line, missed the announcement, yada yada, whine, wail, gnash teeth.

Please e-mail privately if you don't think you will be purchasing a kit. TNX to all es 72

Howard Kraus, K2UD

Date: Wed, 27 Sep 2000 16:59:57 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Subject: [80304] Iowa QRP Newsletter available in PDF format
Message-ID: <007c01c028ce\$4691ace0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A big thank you to George Heron N2APB who did a quick conversion of the IAQRP newsletter from Word to PDF (black and white format). Because of all the graphics this issue the color conversion hit a big snag. While Fred W0FMS still works on a color version, the black and white version is available to anyone who wants to take a peek at the Iowa QRP Newsletter.

I waited a couple of weeks to announce to allow the IA QRP members a chance to get to the newsletter first. Again thanks to George for bailing us out on this one!

The newsletter may be obtained by going to our FTP site at:

<ftp://divis17.ped-gen.uiowa.edu/pub/iaqrp-1/journal>

The latest newsletter is Summer2000.PDF or .DOC if you like download abuse (4 meg hi).

72, John NU0V

Date: Wed, 27 Sep 2000 15:13:02 -0700
From: "Mont Pierce" <MyGrapeVine@yahoo.com>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80305] Re: Web Radio
Message-ID: <005701c028d0\$1acfab0\$27010101@RTA>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's another:
<http://hamshack.ralabs.com/cgi-bin/icomr75.exe>

this one goes down to lower hf freqs and has cw mode too.

73,
km6wt

----- Original Message -----
From: Brian <brian@iquest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, September 27, 2000 12:45 PM
Subject: Web Radio

> Anyone know of a URL that has live HF listening available?

>

> Preferably the ham bands, CW even..

>

> Thanks

>

>

> =====

> KB9BVN/QRP - New Whiteland IN - EM69WN

> QRP-ARCI #10223 QRP-L #1540 FIST #5695

> FISTS CC #764 - Proud Member ARRL

> TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W

> INTO INFAMOUS AF4PS ATTIC DIPOLE

> SOC #400 AND FLYING PIGS QRP #-57

> =====

>

Date: Wed, 27 Sep 2000 18:03:40 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [80306] Latitude & longitude question
Message-ID: <20000927.180724.4479.8.kc8aon@juno.com>

It is so QRP related ! Any one on the list know how to convert decimal degrees to degrees / minutes ? The program I use only excepts degrees / minutes and I use it to locate "QRP" contacts on the map, and measure distances between us.

Best 73 & Don't get on a power trip !
Rick McKee, KC8AON Willow Wood, Ohio
QRP-L #2112 AR-QRP #269 Flying Pigs #33

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Sep 2000 18:16:02 -0400
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80307] National Radio Quiet Zone - What's it for??
Message-ID: <39D25582.E86AC5B9@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was just looking at the following FCC website
<http://www.fcc.gov/wtb/prs/famrad.html>
regarding the Family Radio Service and found the following reference to the "National Radio Quiet Zone".

"The FCC may impose additional restrictions on a FRS station if the station is located at a point within the
National Radio Quiet Zone (an area within the States of Maryland, Virginia and West Virginia). The Zone is
the area bounded by:

1.39o 15' N. on the North;

2.78o 30' W. on the East;
3.37o 30' N. on the South; and
4.80o 30' W. on the West. "

Questions:

What's the background on the creation of the Quiet Zone?

Are any transmitters permitted in the Quiet Zone?

Does this mean I've got to steer my QRP signals around the Quiet Zone
hihi?

Cheers
Karl B. Staddon
VE6KBS
CALGARY, ALBERTA
CANADA

Date: Wed, 27 Sep 2000 16:21:02 -0600 (MDT)
From: Brian Mileschosky <n5zgt@swcp.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80308] Re: Grid-squares
Message-ID: <Pine.GS0.4.10.10009271619170.7692-1000000@inago.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Karl et al,

Go to QRZ.com and look up Randy, N7SFI. Go to the webpage he has listed, and download his program called WinGrid. It is a small program, and you can keep track of which grids you have worked, which grids you are awaiting confirmation from, which grids you might have been in while you were working people, etc. All of the grids are on a nice US map (Mexico and Canada can be seen, too), and their are colored in depending on if you have worked them, QSLed them, etc.

72,
Brian, N5ZGT
Albuquerque, NM

On Wed, 27 Sep 2000, Karl F. Larsen wrote:

>
> I really didn't know where you can get grid squares, and I wanted
> a program I could run on my computer. I found EXACTLY what I wanted! I
> went to the web site:
>
> www.amsat.org
>
> And on the first page they have a line saying Download files. They ask you
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> which is about 250,000 bytes. Put this file in the directory you want it
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> likely W4SM's QTH. I put in my QTH from my GPS in NM and we are 1630.5
> miles apart at a heading of 264.5 degrees.
>
> I expect to have fun with this software and it will sure be handy
> if we use grid squares in some QRP contests.
>
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>
>

Date: 27 Sep 00 17:24:38 EST
From: M Goins <mgoins@usa.net>
To: qrp-l@LeHlgh.EDU
Subject: [80309] National Radio Quiet Zone
Message-ID: <20000927222438.16389.qmail@aw164.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

There is information on the national radio quiet zone at:

<http://www.gb.nrao.edu/nrqz.html>

mike
wb5yj

K2#621

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 27 Sep 2000 18:25:45 EDT
From: GElam30092@aol.com
To: ve6kbs@agt.net, qrp-1@lehigh.edu
Subject: [80310] Re: National Radio Quiet Zone - What's it for??
Message-ID: <9e.a2e3986.2703cde9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 9/27/00 3:17:47 PM US Mountain Standard Time,
ve6kbs@agt.net writes:

<< What's the background on the creation of the Quiet Zone?
Are any transmitters permitted in the Quiet Zone? >>

My first guess was that this sounds like DC and is perhaps security related.

Wrong.....

<http://www.gb.nrao.edu/RFI/nrqz.html>

"The purpose of the NRQZ is to minimize possible harmful interference to the National Radio Astronomy Observatory (NRAO) at Green Bank, WV and the Navy's space receiving facility at Sugar Grove, WV. "

Cheers,
Gerry Elam, K7LR0

PHX AZ

Date: Wed, 27 Sep 2000 18:28:10 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80311] Re: Latitude & longitude question
Message-ID: <00e301c028d2\$3b2e30e0\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Think of degree as an hour. Half an hour is 30 minutes. Half a degree is 30 minutes....

```
> It is so QRP related ! Any one on the list know how to convert decimal
> degrees to degrees / minutes ? The program I use only excepts degrees /
> minutes and I use it to locate "QRP" contacts on the map, and measure
> distances between us.
```

>

```
> Best 73 & Don't get on a power trip !
```

```
> QRP-L #2112  AR-QRP #269  Flying Pigs #33
```

>

>

> YOU'RE PAYING TOO MUCH FOR THE INTERNET!

> Juno now offers FREE Internet Access!

> Try it today - there's no risk! For your FREE software, visit:

```
> http://dl.www.juno.com/get/tagj.
```

>

From: "John Burnley" <burnleyia@home.com>

Subject: [80312] RE: Summer QRPp Should Arrive Soon, Fall QRPp coming

Message-ID: <008001c028d1\$b928ab20\$1b790818@c149552-a.west1.ia.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

```
charset="iso-8859-1"
```

Content-Transfer-Encoding: 7bit

I always look forward to QRPP arriving and I'm never disappointed. I don't know how Doug, Paul, and company keep outdoing themselves but wow is this a great publication. I am especially pleased that Mike NOMF will have a feature article in the FALL QRPP. Mike is famous in the IA QRP circles and I'm really excited that he will be getting recognition for the

outstanding job he does at homebrewing / construction.
I've seen (and operated) his 15 and 10 meter SST based
rigs and they are FB radios! In fact one of the prototypes
may make the trip to Seattle with me this weekend.

I'm already watching the mailbox Doug!

72, John NU0V

Date: Wed, 27 Sep 2000 18:33:38 -0400
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: GElam30092@aol.com
Cc: qrp-1@lehigh.edu
Subject: [80313] Re: National Radio Quiet Zone - What's it for??
Message-ID: <39D259A2.25F69704@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, that didn't take long! Thanks to all those who have already replied to my
request.

Cheers
Karl B. Staddon
VE6KBS

GElam30092@aol.com wrote:

> In a message dated 9/27/00 3:17:47 PM US Mountain Standard Time,
> ve6kbs@agt.net writes:
>
> << What's the background on the creation of the Quiet Zone?
> Are any transmitters permitted in the Quiet Zone? >>
>
> My first guess was that this sounds like DC and is perhaps security related.
>
> Wrong.....
>
> <http://www.gb.nrao.edu/RFI/nrqz.html>
>
> "The purpose of the NRQZ is to minimize possible harmful interference to the
> National Radio Astronomy Observatory (NRAO) at Green Bank, WV and the Navy's
> space receiving facility at Sugar Grove, WV. "
>
> Cheers,

> Gerry Elam, K7LR0
>
> PHX AZ

Date: Wed, 27 Sep 2000 18:33:04 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <kc8aon@juno.com>, <qrp-1@Lehigh.EDU>
Subject: [80314] RE: Latitude & longitude question
Message-ID: <000001c028d2\$e6c3aac0\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some calculators have the function built in, some don't

lets say I have an angle of 135.8756 degrees

135 degrees

$52.536 = 60 * .8756$

52 minutes

$32.16 = 60 * .536$

32 seconds

There are software programs you can write if you need to do
this more than a couple of times. Hope that is a help

Chuck Mabbott AA8VS

"Racial interactions are ruled by Physics.
For every action there is an equal but
opposite reaction. We hate them, they hate
us, and we hate them back. So there we are
trapped by Mathematics."

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Rick McKee
Sent: Wednesday, September 27, 2000 6:04 PM

To: Low Power Amateur Radio Discussion
Subject: Latitude & longitude question

End of QRP-L Digest 1957

